



VDA

WHITE PAPER   VDAHUB.IO   INFO@VDAHUB.COM



## VDAhub (Virtual Digital Assets Hub) Project Token Offer

### 1. Introduction

#### (Background)

Traditionally, assets are mostly tangible properties that people can touch, get hold of, or at least, can be associated with physical objects.

Today, as more and more businesses are operating on the digital domain, the concept of digital assets has emerged and evolved rapidly.

Pure data, or information that only exists in the digital world, are now potentially part of a new class of assets. We call these assets Virtual Digital Assets (VDAs).

Our everyday photos/videos taken with phones, posts on social media platforms, computer graphics or scribbles on tablets, a piece of music composed, programmer's codes, draft writings, or even our personal files or data, etc., all that data could be very valuable assets (virtual digital assets).

#### (What has been done)

VDA blockchain is developed by our team since 2018 in Sydney, Australia.

VDAhub is a mobile phone and PC based application, built on VDA blockchain.

#### (The aim)

VDAhub is designed to offer everyone a platform to upload, store, certify, protect, share and trade their VDAs. Blockchain is the ideal base to make all these transactions secure, efficient, and un-changeable.

The aim of VDA blockchain is to assist everyone in protecting their digital assets, and realize the ultimate value of their assets.



## 2. Mission and Values

(Mission, what to do and what to achieve)

VDA blockchain gives everyone a chance to register their digital assets produced every day, which have been largely ignored so far, and even realize the intrinsic value of these assets. It offers unparalleled flexibility, such as partial share selling, jointed ownership, etc. Also, the trading history is locked in the blockchain and your rights on the VDA is protected on the same level as cryptocurrencies.

VDA blockchain provides artists a brand new digital arena to create after converting their physical arts into digital forms.

(What will it become in future)

Blockchain technology is right now stirring up a revolution in the global finance industry. This revolution will expand into many more aspects of everyone's life. In our vision, VDA blockchain will be part of this unprecedented great change.

(Value that drives us forward)

Creativity - the source of advantage  
Value - the benefit to participants  
Efficiency - the difference brought to the industry  
Environment - the impact to the nature

✓ Upload  
✓ 'Blockchain'  
✓ Share  
✓ 'Trade'

## 3. Why VDA blockchain is the future

(The Blockchain)

VDA blockchain operates on POS consensus. It is efficient, powerful and environmentally friendly.

VDA blockchain is specially designed to handle large amount of data at high transaction rates, which are critical features of VDAs.

Technical details, fingerprints, ownership and historical data of each VDA are permanently locked in VDA blockchain. The interlock nature of blockchain technology ensures that all data are stored securely and can not be modified or deleted. Each VDA is linked with a certificate to prove its identity and ownership.

**Blockchain your assets !**



Private VDAs are encrypted and can only be access by the owner.

Public VDAs can be easily shared or traded at the marketplace where everyone can view and purchase those VDAs.

(The potential)

Once digital assets have their own identity, and ownership is recorded and tracked using blockchains, a marketplace is then established for trading of these digital assets.

With such market, the value of VDAs can then be created, realized and transferred.

(What makes VDA stands out)

VDA covers a vast range of different asset types.

At present, the VDAhub application focuses on one key class: “Photography”.

VDAhub is being built as a blockchain based platform to serve the photography industry. Works from photographers are stored, certified, licensed or transferred on this platform, directly from artists to customers, collectors or even investors.

New platforms that serve more industries will be added into our portfolio continuously.

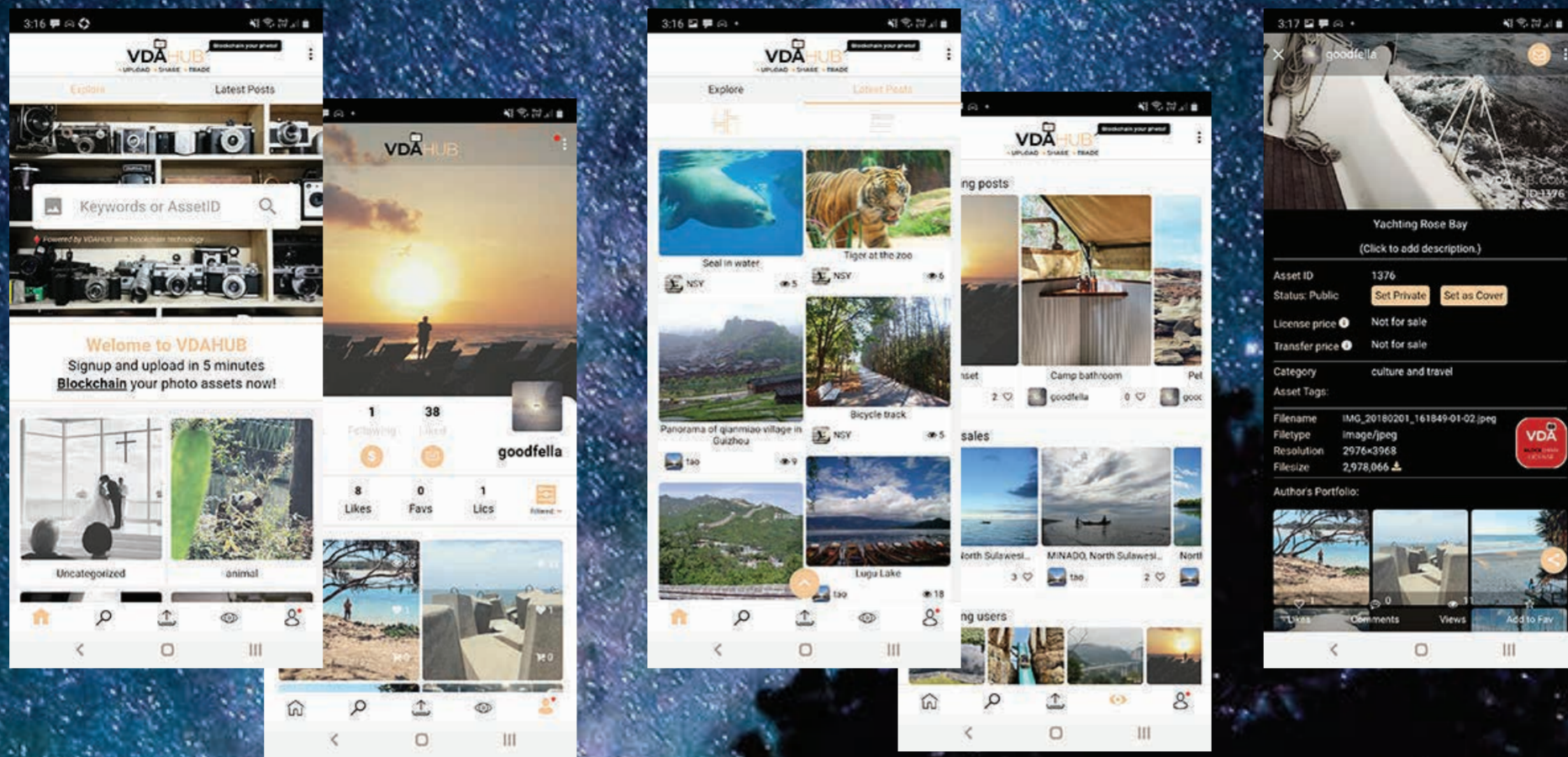
#### 4. The Technology

(Front-end) Ionic and Angular are used in our front-end products: Vdahub Mobile App (Android & IOS), Vdahub Progressive Web Apps (Mobile & PC).

With Ionic, an app can be built for iOS, Android, and as a PWA, all with one codebase—Saving our time, effort, and cost by giving us three platforms for the cost of one. Using the Ultimate Web3 Development Platform (Moralis software and APIs ) to build & scale our Vda Token utilities without the cost & complexity.

(On chain) Based on the Tendermint platform, we have built our own independent and high-efficient blockchain application. The core code of the application is implemented in Go language. This allows the application to run directly in the Tendermint process.

Our blockchain can process thousands of transactions per second, with commit latencies on the order of one to two seconds. Notably, performance of well over a thousand transactions per second is maintained even in harsh adversarial conditions, with validators crashing or broadcasting maliciously crafted votes.



## (Cloud services)

The following Cloud services are used in our application's back-end: Amazon EC2, Amazon Simple Storage Service, Amazon CloudFront, Amazon Rekognition.

## Core Concepts:

- BFT-based Proof-of-Stake – Byzantine Fault Tolerant (BFT) middleware that takes a state transition machine and securely replicates it on many machines.
- ABCI application – A deterministic result of the Tendermint consensus - any external influence on the application state that didn't come through Tendermint could cause a consensus failure.
- Moralis – The fastest way to build and deploy dApps on Ethereum, BSC, Polygon, Solana, and etc. The Moralis dApps are cross-chain and future-proof.
- Ionic Framework – An open source UI toolkit for building performant, high-quality mobile and desktop apps using web technologies — HTML, CSS, and JavaScript — with integrations for popular frameworks like Angular, React, and Vue.

## 5. VDA Ecosystem

VDA token has been launched on Polygon networks, and will be used on VDA applications to purchase services, license or acquire VDAs.

It is one of the currencies used on VDA applications.

# Tokenomics

Token name : VDA Token

Token ticker : VDA

Max Supply: 100,000,000,000 (100 Billion)

Locked Supply : 50,000,000,000 (50 Billion)

(10 Billion to be released each year for 5 years from Jan 1st 2023)

Initial supply: 50,000,000,000 (50 Billion)

Initial Price: 0.0001 (USDT)

Project initial valuation: 10 million USDT

Contract Address: [0x353a2d02676575B40FF578a55b02252e246C9a3b](#)

The aim of this token is to introduce VDA project to crypto community, and offer them the services of VDA in the form of token sale.

The operation of VDA blockchain will be streamlined with the use of VDA token.

## Token allocation:

Public sale: 10% (allocated to various exchanges and swaps)

Strategic partnership: 5% (allocated to strategic partners)

Presale: 5% (anyone who would like to purchase before the listing of VDA token)

Operation: 10% (streamline the operation of VDA applications, for example reward the artists, participants, etc.)

Team, Founders: 20% (development support, to expand into more fronts).

Reserve, treasury: 50% (funds to sponsor projects and VDA community plans)

## Token Usecase:

1. Exchange for services on VDAhub app and VDA blockchains, such as license/purchase VDAs, increase upload storage, upgrade service levels
2. Participate in VDA related activities on platform, such as mark/rank/vote on VDAs, tip owners of VDAs, increase traffic for certain VDAs.
3. Stake the token to earn more token to assist the operation of the blockchain.

## 6. The Team



Nick - Project Manager

PhD in Telecommunications, 16 years of entrepreneurship in IT and internet industry.

Wilson - CTO

Masters Degree in telecommunications. 18 years senior software architecture, management and development experience. Blockchain expert

John - Marketing

Masters Degree in Multimedia Design, 20 years extensive experience in commercial marketing and design development.

## 7. Product Roadmap

### Achieved

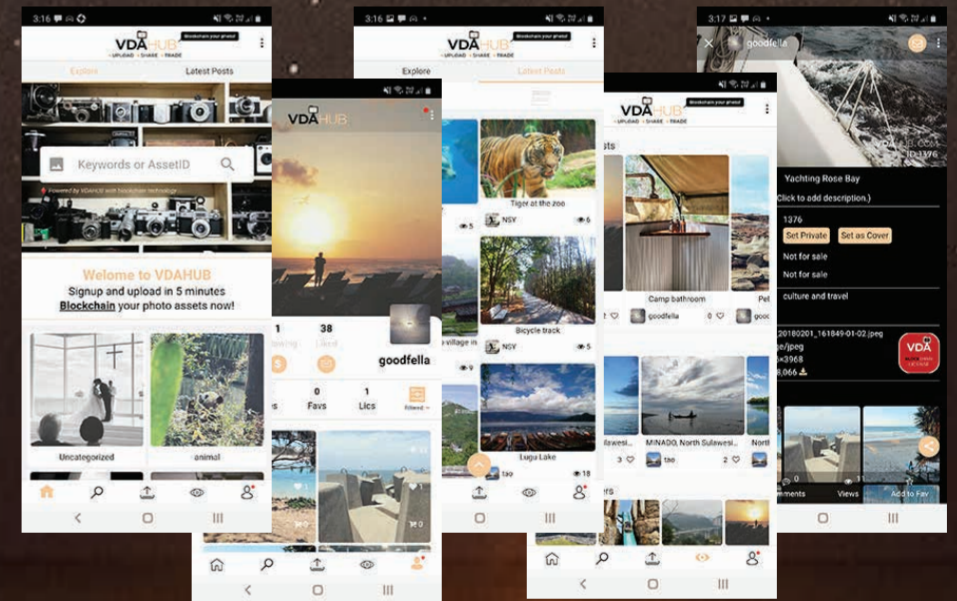
VDA blockchain  
VDAhub application

### Currently working on

Launching VDA token  
integrate VDA token with VDAhub application

### Upcoming features

Develop VDA application on more asset types



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